

Jeremy Brown

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

847
citations

1162367

8
h-index

1473754

9
g-index

12
all docs

12
docs citations

12
times ranked

771
citing authors

#	ARTICLE	IF	CITATIONS
1	Report on G4Med, a Geant4 benchmarking system for medical physics applications developed by the Geant4 Medical Simulation Benchmarking Group. Medical Physics, 2021, 48, 19-56.	1.6	92
2	A High Count-Rate and Depth-of-Interaction Resolving Single-Layered One-Side Readout Pixelated Scintillator Crystal Array for PET Applications. IEEE Transactions on Radiation and Plasma Medical Sciences, 2020, 4, 361-370.	2.7	8
3	Progress of Geant4 electromagnetic physics developments and applications. EPJ Web of Conferences, 2019, 214, 02046.	0.1	15
4	A New Standard DNA Damage (SDD) Data Format. Radiation Research, 2018, 191, 76.	0.7	49
5	Geant4DNA example applications for track structure simulations in liquid water: A report from the Geant4DNA Project. Medical Physics, 2018, 45, e722.	1.6	265
6	Recent progress of GEANT4 electromagnetic physics for LHC and other applications. Journal of Physics: Conference Series, 2017, 898, 042032.	0.3	11
7	Progress in Geant4 Electromagnetic Physics Modelling and Validation. Journal of Physics: Conference Series, 2015, 664, 072021.	0.3	13
8	Track structure modeling in liquid water: A review of the Geant4-DNA very low energy extension of the Geant4 Monte Carlo simulation toolkit. Physica Medica, 2015, 31, 861-874.	0.4	373
9	Geant4 electromagnetic physics: improving simulation performance and accuracy. , 2014, , .		8
10	Development of an energy discriminate CR-39 nuclear track etch dosimeter for Radon-220 gas measurements. Journal of Environmental Radioactivity, 2011, 102, 901-905.	0.9	7
11	MULECS: The Monash University Low Energy Compton scattering package. , 2011, , .		5
12	GPU acceleration of compton reconstruction for the PEDRO. , 2010, , .		1